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MONTANA FOREST PRODUCTS BULLETIN

UTILIZATION AND MARKETING

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Department of State Lands, Division of Forestry
2705 Spurgin Road, Missoula, Montana 59801
Ph: (406) 728-4300

GARY G. BROWN, State Forester

PAUL MOORE, Editor

VOL. 11, NO. 2

March - 1986

This bulletin is mailed primarily to individuals engaged in the Forest Products Industry in Montana. In addition, it is mailed to county agents, lumber brokers, wholesalers, dealers of sawmill and logging equipment, educators, and Montana Tree Farmers, as well as the Departments of Forestry in many states.

The purpose of this newsletter is to communicate information regarding the properties and uses of wood products, promote efficiency in the utilization of wood from the stump to the end product, and to serve as a information source for members of the forest products industry.

All persons receiving this newsletter are asked to examine their mailing address and advise this office of any corrections needed for proper mailing.

IS MONTANA'S RAILROAD TIE MARKET GONE FOREVER?

With the Somers tie treating plant shutting its doors, combined with the poor demand for softwood ties in 1985, it was little surprise when Montana tie producers received notice from Burlington Northern that western softwood ties would not be needed. Large tie inventories and the availability of low priced hardwood ties have been a factor. However, the completion of a program to upgrade its secondary and light haul lines was given as the main reason for curtailment.

Currently BN engineers require that hardwood ties be used on all heavy haul lines. The more durable hardwood ties have an average service life of 35 years. The softwood ties have a service life of 15 years and can be extended up to 25 years when installed with hardwood ties.

On the average, Montana mills produced 420,000 to 600,000 softwood ties annually at a value of 4 to 6 million dollars. Though it's small potatoes when compared to the overall forest products industry's contribution of 725 million dollars, it amounts to enough timber to keep a medium size sawmill operating.

The small two and three man sawmills and some Eastern Montana mills that produced ties from low grade ponderosa pine have been affected the most. Said one tie producer, "Approximately 30% of our business was dependent on tie sales. Its difficult for us to compete in the wholesale lumber market because we are a low volume producer and don't have the necessary equipment". For

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those small mills, tie sales in the past were a bright spot. Generally, most sawmills don't appear to be too concerned about losing tie sales. Other railroads that have purchased ties in Montana are The Union Pacific and Canadian Pacific.

No one is sure when or if the tie market will ever return.

NEWS RELEASE

Grants and loans are available for some energy projects in Montana, according to Larry Fasbender, director of the Department of Natural Resources and Conservation.

Grants will be given to research, develop or demonstrate innovative energy conservation techniques or biomass energy uses. These areas were targeted by the Renewable Energy Advisory Council to provide better use of Montana's agriculture and timber resources. Loans are for commercialization of renewable energy including wind, hydro, biomass, solar and geothermal projects. Projects will be funded through the State's coal severance tax fund.

Applications for the grants and loans are available from the Energy Division, DNRC, 1520 East Sixth Avenue, Helena, MT 59620; phone 444-6697.

Completed grant applications are due March 14, 1986, and the deadline for loans is April 15, 1986.

STATE TIMBER SALES

Pinkham Creek Timber Sale

Sealed bids will be received by the Department of State Lands, Forestry Division, Missoula, Montana up to 2:00 p.m. April 28, 1986 for the merchantable sawtimber designated for cutting on N½, Section 36, T36N, R28W estimated to contain 22 MBF ponderosa pine, 12 MBF larch, 262 MBF Douglas-Fir, 1 MBF lodgepole pine, 1 MBF recent dead all species for a total of 298 MBF, more or less.

Full particulars regarding the terms of the contract regulations governing the sale and bid forms may be obtained from the Department of State Lands, Forestry Division in Missoula, or the Northwestern Land Office, 2250 Highway 93 North, Kalispell, or the Stillwater State Forest Headquarters, Olney, Montana.

Trout Creek Timber Sale

Sealed bids will be received by the Department of State Lands, Forestry Division in Missoula, Montana up to 3:00 p.m., April 28, 1986 for the merchantable sawtimber designated for cutting in Section 36, T25N, R32W estimated to contain 6 MBF western white pine, 900 MBF ponderosa pine, 265 MBF western larch, 6 MBF Douglas-fir, 1 MBF spruce, 1951 MBF lodgepole pine, 4 MBF grand fir and 1 MBF dead all species, for a total estimated volume of 3,134 MBF.

Full particulars regarding the terms of the contract regulations governing the sale and bid forms may be obtained from the Forestry Division Office in Missoula, the Northwestern Land Office in Kalispell, or the Plains Unit Office in Plains, Montana.

Other Timber Sales

Clark Creek, Arrastra Creek, and Pikes Gulch Timber Sales will also be sold the last week of April. For more information contact Department of State Lands, Forestry Division, 2705 Spurgin Road, Missoula, Montana 59801, (406)728-4300.

MEETINGS

April 5-6: Timber Expo, Harry Adams Fieldhouse, Missoula, Montana. (406) 728-1450

April 14-25: Intermountain Harvesting, Butte, Montana. Contact Forest Engineering Inc. (503) 754-7558

April 28-30: 41st Annual Northwest Wood Products Clinic, Sheraton-Spokane Hotel, Spokane, Washington. (608) 231-1361

June 22-26: Innovative Approaches to Changing Markets, Forest Products Research Society 40th Annual Meeting, Sheraton-Spokane Hotel, Spokane, Washington. (608) 231-1361

WMMA HAS 1986 BUYER'S GUIDE AVAILABLE

The 1986 edition of the "Buyer's Guide & Directory to Wood Machinery Manufacturers of America" is a valuable resource guide to the U.S. wood industry buyers and manufacturers.

Compiled by the Wood Machinery Manufacturers of America (WMMA), the 1986 Buyer's Guide & Directory contains complete, up-to-date information on 110 woodworking machinery manufacturers and specialized machines and tools. It serves as a useful guide and reference work for purchasing executives and other key decision makers in all types of woodworking installations, from furniture manufacturing to sawmills and plywood plants.

Key features of the annual 196 page Buyer's Guide include:

*Addresses and key executives of 110 U.S. based manufacturers of woodworking machines, cutting tools, and related equipment.

*A machine index listing all standard types of woodworking equipment, organized by function. A new section on sawmill machinery is included.

CATALOG LISTS OVER 50 EASY HOME PROJECTS

From video game centers to saunas, do-it-yourself projects are made easy with plans from the American Plywood Association (APA).

Over 50 projects designed for plywood and other APA structural wood panels are listed in a catalog from APA. Ideas include indoor and outdoor furniture, storage units, toys, shelters, entertainment centers, and more. Complete plans for each project may be ordered for $2.00. Order blanks are included with this catalog.

For your free single copy of "The Handy Plan Catalog", write to the American Plywood Association, P.O. Box 11700, Tacoma, WA 98411, and request Form Y360. Dealers may order additional copies of the catalog for .40¢ each. The dealer cost for plans is .30¢ each when multiple copies are ordered.
Source: Forest Products Research Society, Forest Products Journal, December 1985.

MONTANA LOG PRICE REPORT

The State-wide log price report on the following page catalogs recently delivered average log prices to sawmills by species using four geographical areas within Montana. Prices are provided by approximately 35 sawmills operating within the State. the report is compiled through the Extension Forester's Office, School of Forestry, University of Montana, Missoula, Montana 59812.

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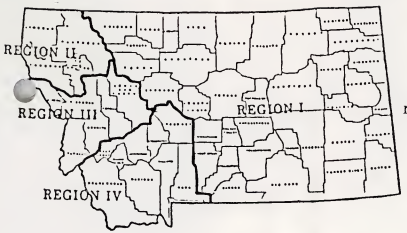

MONTANA SAWLOG AND VENEER LOG PRICE REPORT

MARCH - APRIL 1986

The following information is a summary breakdown of recent past average prices reportedly paid by primary wood processors for logs of the various species listed. These prices are not necessarily a reflection of current market prices. Fair market prices may vary a great deal based on log size, length, quality, contract size and terms, and a number of other factors. All information reported is recent average price per thousand board feet (MBF), Scribner Decimal rule delivered to the mill site, unless otherwise noted.

Prices provided for this report by individual firms are treated as confidential disclosure of the firm's operations. Any requests for mill specific data which have been provided for the log report will be denied.

SAWLOGS Scribner Dec C MBF	REGION I	*	REGION II	*	REGION III	*	REGION IV	*
Species	Avg. Low High		Avg. Low High		Avg. Low High		Avg. Low High	
Ponderosa pine	$115/$ 90/$140	F	$185 /$185/$185	G	$155 /$155/$155	F		
(Yellow)	$115/$ 90/$140	F	$212 /$185/$245	G/F	$195 /$190/$200	F/P		
(Bull)	$115/$ 90/$140	F	$146 /$135/$160	G/P	$125 /$110/$135	F/P		
Lodgepole pine	$142/$142/$142	F	$151 /$140/$185	G/P	$145 /$135/$150	G/P	$163 /$150/$165	G/F
Douglas-fir	$136/$130/$142	F/P	$150 /$135/$185	F/P	$149 /$145/$155	G/P	$159 /$150/$165	G/F
Western larch			$142 /$135/$160	F/P	$150 /$145/$155	G/P		
Englemann spruce			$155 /$145/$172	G/P	$153 /$145/$165	G/P	$160 /$155/$165	G/F
Subalpine fir			$141 /$135/$145	F/P	$146 /$145/$150	G/F	$160 /$155/$165	F
Grand fir			$135 /$130/$140	F/P	$145 /$140/$150	G/P		
Western red cedar			$185 /$185/$185	G	$200 /$200/$200	F		
Hemlock			$140 /$135/$145	P	$137 /$130/$145	G/P		
White pine			$205 /$190/$225	G/F	$290 /$290/$290	G		

VENEER LOGS Scribner Dec C MBF	STATEWIDE REPORT	
Species	Avg. Low High	Demand Next 60 Days
Douglasfir	$165 / $160 / $170	G/F
Ponderosa pine (Bull)	$150 / $150 / $150	F
Western Larch	$160 / $150 / $170	F/P

* G = Good
F = Fair
P = Poor

SAWMILL WORKSHOP SCHEDULED

Subject: "Small Sawmill Operation" will be the topic of a workshop. The workshop will be held March 25-26, 1986 in Kalispell, Montana, at the Department of State Lands, Northwestern Land Office conference room. The session begins at 8:00 a.m. The meeting is sponsored by the Department of State Lands and the U.S. Forest Service.

The one and one-half day workshop is directed towards the small stationary and protable sawmill operators. The program is intended to improve the producer's understanding of lumber manufacturing, lumber drying, marketing, and more.

A better understanding of sawmill operating considerations and Marketing techniques can result in a more successful sawmill business.

All interested parties are invited to attend.

FOR ADDITIONAL INFORMATION, CALL PAUL MOORE, 728-4300 OR MARC HUGHES, 755-6575

SAWMILL WORKSHOP
PROGRAM

Kalispell, Montana
March 25-26, 1986
Department of State Lands
Northwestern Land Office

Tuesday, March 25

8:00 - 8:15	Welcome and Introductions--Paul Moore, Utilization & Marketing, Montana Forestry Division
8:15 - 9:30	Planning For a Successful Sawmill Operation--Mike Higgs, Multiregional Sawmill Specialist, USDA Forest Service
9:30 - 10:00	Sawmill Terminology or Invoice Procedures--Paul Moore
10:00 - 10:30	BREAK
10:30 - 12:00	Equipment for Small Sawmills--Kenneth Kilborn, Forest Products Utilization, USDA Forest Service, Region 1
1:00 - 2:00	Microcomputer Programs an Aid to Sawmill Assistance--Mike Higgs
2:00 - 3:00	Lumber Drying--Kenneth Kilborn
3:00 - 3:30	BREAK
3:30 - 4:30	Marketing Forest Products--Mike Higgs

Wednesday, March 26

8:00 - 9:00	Secondary Wood Products--Mike Higgs
9:00 - 10:00	Treated Wood Products--Kenneth Kilborn, Paul Moore
10:00 - 12:00	Field Check of a Small Sawmill--Higgs, Kilborn, Moore

LIST OF RECENT PUBLICATIONS

The following publications may be obtained free upon request by contacting the Forest Products Laboratory, One Gifford Pinchot Drive, Madison, WI 53705, Phone (608) 264-5600.

BUILDINGS AND CONSTRUCTION

Seismic Performance of Low-Rise Light-Framed Wood Buildings. Soltis, L.A. Shock, Vib. Dig. 16(11): 27-32; 1984.

Timber Availability for Crossties. Watterson, Irene A. In: Rail Papers--1984. Transportation Research Record 953. Washington, D.C.: Transportation Research Board, National Research Council; 1984: 18-21.

DEGRADATION AND PROTECTION

Water-Dispersible Pentachlorophenol: A Preliminary Report on Field Tests With Southern Pine Stakes. DeGroot, Rodney C. In: Proceedings, 1984 American Wood-Preservers' Association meeting; April 16-18; Dallas. Stevensville, MD: American Wood-Preservers' Association; 1984.

Longevity of Untreated Wood in Use Above Ground. Eslyn, Wallace E.; Highley, Terry L.; Lombard, Frances F. Forest Prod. J. 35(5): 1985.

Weathering Interactions of Treated and Untreated Wood Surfaces. Feist, W. C. In: Record of the 1984 Annual Convention of the British Wood Preserving Association; 1984, July 2-5; Cambridge (England). London: British Wood Preserving Association; 1984.

The Outdoor Finish: How and When to Paint or Stain. Feist, William. Fine Homebuilding. (6/7): 1985. (Available through libraries.)

DESIGN DATA

A Microwave Method for Measuring Moisture Content, Density, and Grain Angle of Wood. James, William L.; Yen, You-Hsin; King, Ray J. USDA Forest Service Res. Note FPL-0250: 1985.

GENERAL

Renovate an Old House? Sherwood, Gerald E. Home and Garden Bulletin No. 212. Washington, D.C.: U.S. Department of Agriculture, Forest Service. (Available from Superintendent of Documents, U.S. Government Printing Office, 710 N. Capitol Street, Washington, D.C. 20402; $3.00.)

PROCESSING

The Veneer Mill Improvement Program. Danielson, Jeanne D. Interfaces. 14: 1984.

Balanced Saw Performance. Lundstrum, Stanford J. Tech. Rep. 12. Madison, WI: U.S. Department of Agriculture Forest Service, Forest Products Utilization; 1985.

Empirical Equations for Estimating Drying Times of Thick Rotary-Cut Veneer in Press and Jet Dryers. Tschernitz, John L. USDA Forest Service Res. Pap. FPL 453; 1985

FOR SALE - EQUIPMENT

30 foot portable sawmill, 48" saw, 10 foot carriage, 8 rolls, manual kickers, sawdust chute, slab roller. Complete with mandrel pulley of choice, $5,000.00. Contact Oscar Oftendahl, Foys Lake Rd., Kalispell, Montana 59901, Phone (406) 755-4711.

Precision dowel mills manufactured by Bouma Post Yards at Choteau, Montana. 2" to 8" capacity with peeling speeds up to 250' per minute. Either stationary or portable mills available for quotes and availability, contact Harold Bouma at (406) 466-2140.

Two random length sawmills in Northwestern Montana. One air dry, one kiln dry, both located on rail. No over priced timber contracts. Mills are operable but not operating. Favorable price and terms. Montana Forest Products P.O. Box 2090 Kalispell, Montana 59903. Phone (406) 755-6432.

Radio controlled Kolpe thinning winch distributor is going out of business and has one new machine left. The machine is ideal for post and pole operators, and timber land owners who want to harvest there own timber. The Kolpe is valued at over $7,000.00 but owner is willing to negotiate. Will also consider trading for lumber or items of equal value. Phone (406) 549-0128.

One Sullair Rotary Screw Air Compressor, Model 25-150H--650 cfm @ 125 psi, 150 HP. Price: FOB Sheridan, Wyoming - $18,000.00. Contact Dick Newman, Wyoming Sawmills, Inc. P.O. Box 6088, Sheridan, Wyoming 82801. Phone (307) 674-7484.

For sale or trade; Long line yarder, 2000 ft. line capacity, Berger drums, 6 speed Allison Transmission, 365 degree swing, $29,000. For more information contact, Howard Miller 222 Mullan Road W., Superior, Montana 59827. Phone (406) 822-4409.

Wood fired boilers new and used. We have several used boilers available for wood firing as well as new boilers and stokers for burning wet or dry wood. Call (715) 373-2632 for information. R.W. Gorman Associates, Inc. P.O. Box 548, Washburn, Wisconsin 54891.

FOR SALE - PRODUCTS

Lodgepole Pine Posts - Penta treated posts in 7' and 8' lengths; 2¼" up to 6" diameters. Truckload lots only. Prices f.o.b. Bonners Ferry, Idaho. Call (208) 267-2211.

Wood products to customer specifications: Wood bungs, dowels, handles, mandrels, paddles, plugs, pushers, rammers, rollers, balls, special wood tank plugs made to your exact specifications. Prompt delivery! Send for "FREE" lumber chart showing the properties of wood. Ed Koelbl, American Wood Working Co., P.O. box 335, Montello, Wisconsin 53949. Phone (608) 297-2131.

Yardsticks. . . High quality select wood with natural finish approximately 5/32" x 1 1/8" x 36" printed with inch scale, firm name, address, phone and slogan on both sides, in black. Very reasonably priced at $343.00 per 1,000, $190.50 per 500, and $119.75 per 250. Specify item #CF-88. Also available: Wooden business cards, reasonably priced. Check for the full amount must accompany all orders, minimum order $20.00. All items are F.O.B. origin and are shipped freight collect within four to six weeks. Contact: Falcon Rule Company, 45 Hutchins Street, Auburn, Maine 04210. Phone (207) 784-4041. Shipped freight collect; allow 4 to 6 weeks for delivery.

If you wish to advertise a forest product or a piece of wood-processing machinery in this bulletin complete the form below. No charge is made for this service. If you wish to rerun an item, a written request must be submitted before the next issue.

NAME OF PERSON OR FIRM: _____

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